



UTPCAT5

UTP CABLE Cat. 5E 4x2xAWG24, GRAY PVC

Caratteristiche Tecniche

Product specification	HSYV-5e 4x2x0.50	
Test Standard	YD/T1019-2013	
Conductor	Material	OFC(Oxygen free copper)
	AWG	24
	Nom.O.D.(mm)	0.57±0.005 mm
	DC resistance	≤95 Ω/km
Insulation	Material	HDPE
	Thickness	0.2±0.02 mm
	Diameter	0.9±0.05 mm
	Color	Blue/White- Blue Orange /White-Orange
Pitch	Offset pitch	≤25 mm
	Cable pitch	≤140 mm
Sheath	Material	PVC(complies RoHS/REAC)
	External O.D.	5.1±0.3 mm
	Color	GRAY
	Tensile strength	>13.5 Mpa
	Thickness	0.55±0.05 mm
Surface Printing	Letter height	3.0±0.3 mm
	Color	Black
	Print error & Space	1±0.005 m
	Case number	Yes
Packing	Packing	Carton
	Once packing dimension	350mm*216mm*350mm
	Twice packing dimension	370mm*460mm*370mm
	Twice packing quantity	2 cases
Packing length	305±1 m	
Rip-cord	Yes	Crossing backbone Yes
Ambient temperature	-20°C~60°C	



Electrical Characteristics

Frequency	Characteristic/ impedance	RL	ATT	NEXT
MHz	ohm	≥dB/100m	≤dB/100m	≤dB/100m
1	100±15	20.0	2.0	65.3
4	100±15	23.0	4.1	56.3
10	100±15	25.0	6.5	50.3
16	100±15	25.0	8.2	47.3
20	100±15	25.0	9.3	45.8
31.25	100±15	23.6	11.6	42.9
62.5	100±15	21.5	17.0	38.4
100	100±15	20.1	22.0	35.3

Frequency	FEXT	PS NEXT	PS FEXT	Phase delay
MHz	≥dB/100m	≥dB/100m	≤dB/100m	≤ns/100m
1	63.8	62.3	60.8	570.0
4	51.7	53.3	48.7	552.0
10	43.8	47.3	40.8	545.4
16	39.7	44.2	36.7	543.0
20	37.7	42.8	34.7	542.0
31.25	33.9	39.9	30.9	540.4
62.5	27.8	35.4	24.8	538.6
100	23.8	32.3	20.8	537.4

Hiltron Land Srl

Strada Provinciale di Caserta, 218 80144 - Napoli - Italia

Tel: (+39) 081.185.39.000 Fax: (+39) 081.185.39.016

www.hiltronsecurity.net

